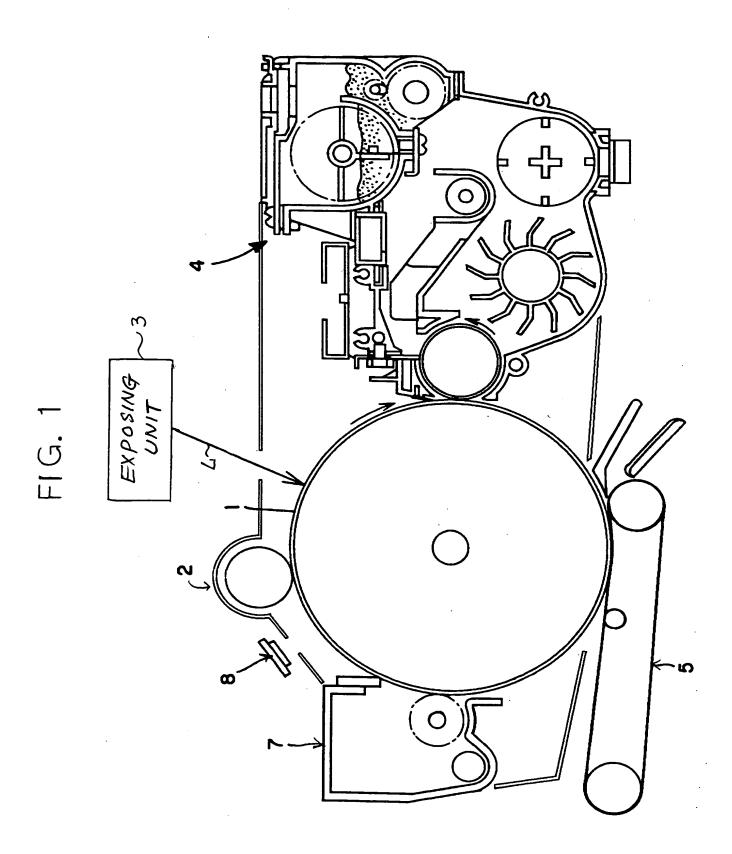
OBLON, SPIVAK, ET AL
DOCKET # 244146US0
INV: Sumio KAMOI, et al.
SHEET 1 OF 16

A - 03070 FIGS. 1 - 16



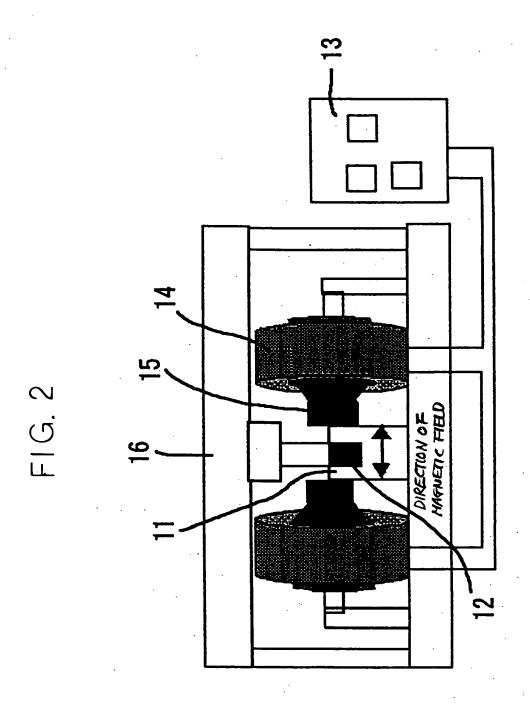
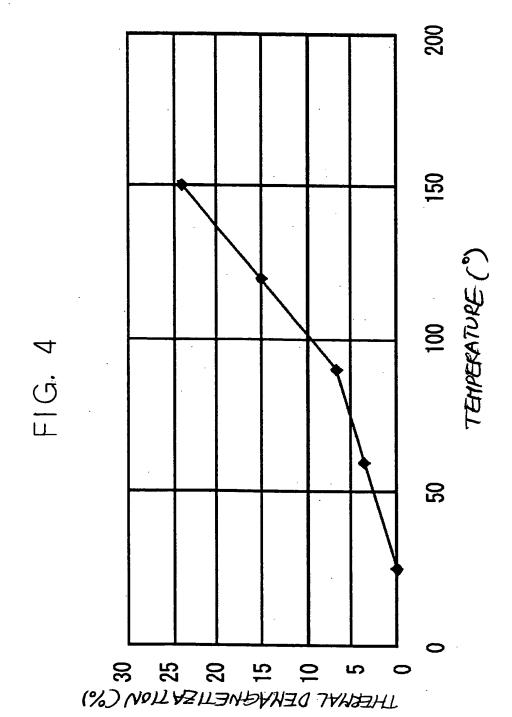


FIG. 3

	1	STRENGTH	70 00 00 00 00 00 00 00 00 00 00 00 00 0	TN TA1
w t %	S IOPPING	(BENDING STRENGTH)	DREAKAGE	וליטי
0.08	OCCURRED	12.0 kg/mm ²	NOT OCCUPRED	×
0.1	OCCURRED	11.0 kg/mm ²	NOT OCCURRED	×
0.3	NOT OCCUPRED	10.4 kg/mm²	NOT OCAJRRED	0
0.5	NOT OCCURRED	8.5 kg/mm²	NOT OCCURRED	0
0.8	NOT OCCURRED	7.0 kg/mm²	MOT OCCURRED	0
1.0	NOT OCCURRED	5.0 kg/mm²	OCCURRED	×



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FIG. 5A

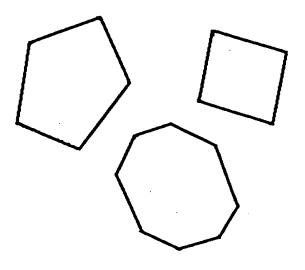


FIG. 5B

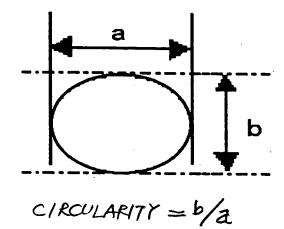


FIG. 6A

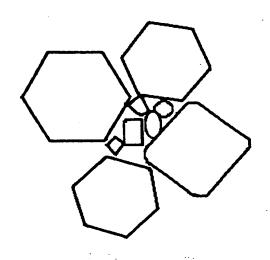
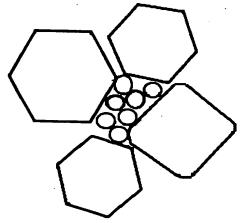
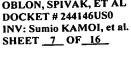
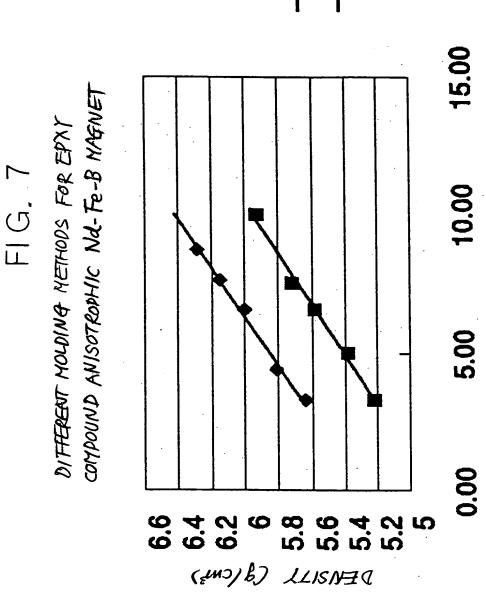


FIG. 6B



GRAINS WITH CIRCULARITY OF 0.9 OR ABOVE





VER MARNETIC FIELD HOR. INAGINETIC FIELD

-LINEAR (VER, MAGNETIC FIELD) - LINGAR (HOR MAGNETIC FIELD)

PRESSURE (ton/cm²,

FIG. 8

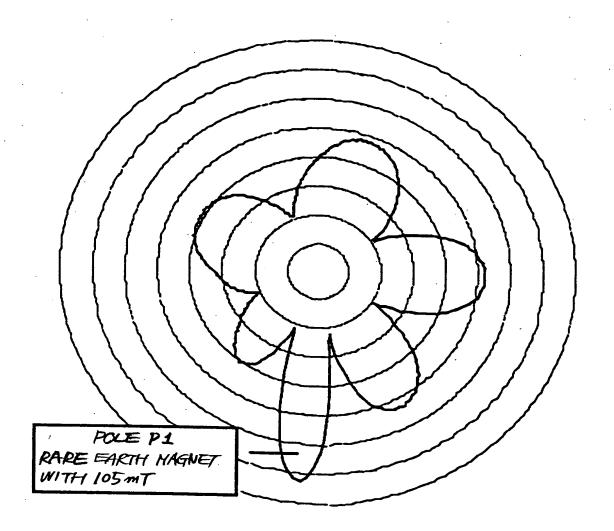


FIG. 9

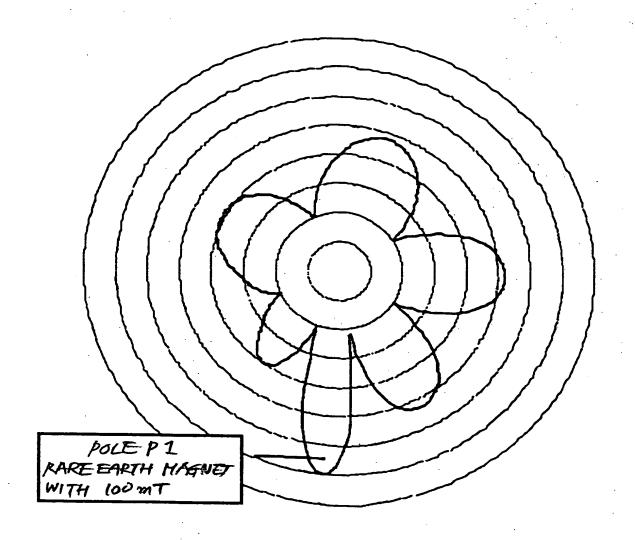


FIG. 10

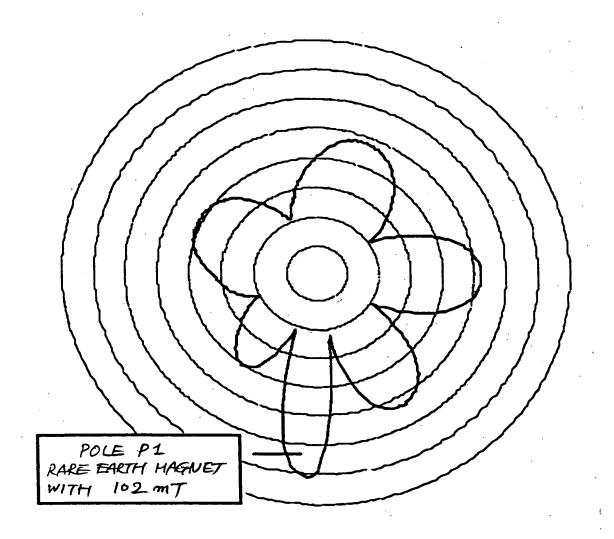


FIG. 11

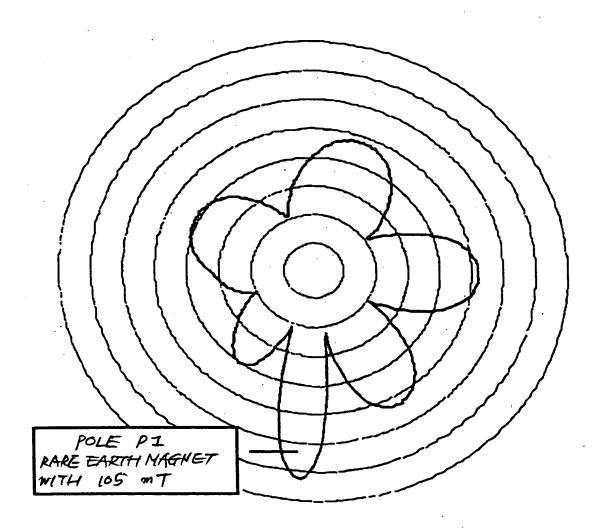


FIG. 12

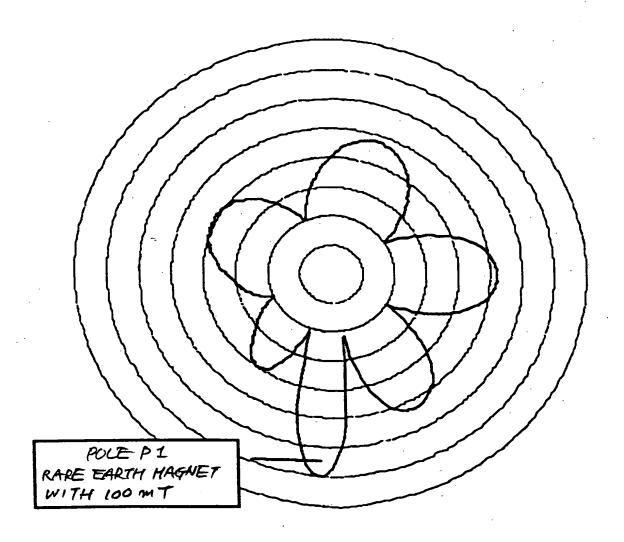


FIG. 13

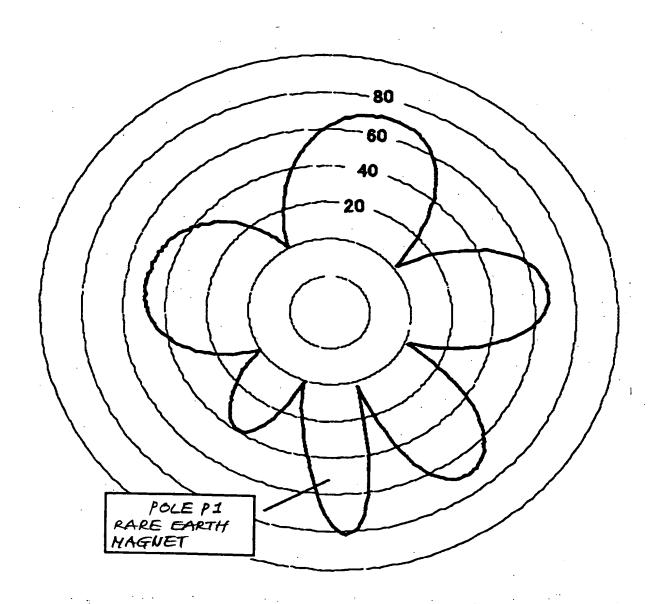


FIG. 14

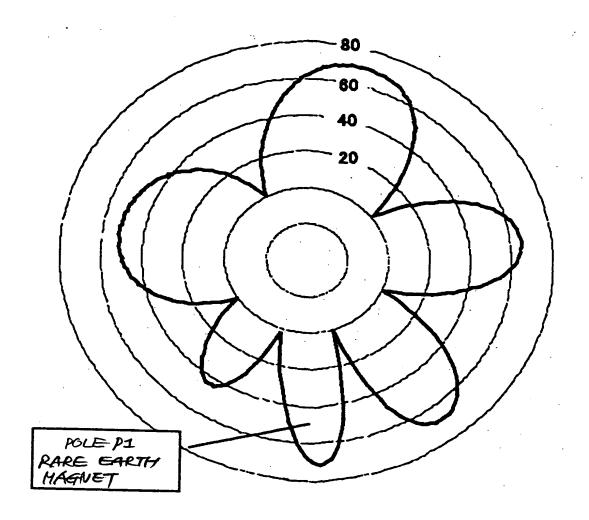


FIG. 15

								E I	OOCKET NV: Sum	SPIVAK, #244146 io KAMO 15_OF	US0											
	S)/		(kg/mn^2)	7.0	7.3	7.8	3.4		3.6	3.8	3.3	·	ω ω			ა. ე			«	?		
	CHARACTERISTICS	MAGNETIC PORCE/Bhmax	(#QQe)	10.2	11.7	13.1	=		12.2	13.6	13.0		13.1	-		4. 8			16.2	2		
		DENSITY	(g/cm^3)	5.0	5.4	5.9	ິນ.1		ა ა	ე.	5.4	l	5.4 4.		L	ა. დ			٠- در	- - -		
	HOLDING CONDITIONS	BAKING CONDITIONS		150°C60	150°060	150°060	100°C30		100°C30	100°C30	100°030		100,030		000	100.030			100%030	200		
		PRESSURE	(tan/an?)	5.5	7.5	10.5	5.5		7.5	10.5	5.5		က ဂ		ľ	ر. ک	•		7	?:		
		MAGNETIC	(90)	13,000	13,000	13,000	13,000		13,000	13,000	13,000		13,000			13,000			13 000	000 101		
		BINDER	(wt%)	7.0	7.0	7.0	7.0		7.0	7.0	7.0		7.0			7.0			7 0)		
	MATERIAL	BINDER	MATERIAL	EPOXY RESIN/HARDENEK	EPOXY REIN/HARDNER	EPOXY RESIN/HARDINER	THEPHOPLASTIC RESIN POWIER	R SILICA GERINS	THERHOLLATIC RESIN POWDED	THERMODISTIC REIN BUNDER.	THINE GRAINS (THANOPLASTIC	RETIN+CARBIN BLACK) & SIUCA GRAINS	FINE GRANDS CTHERTOPLASTIC	RESIN + CARBON BLACIC + CHARGE ONTROL AGENT +	WAX) & SILICA GKAINS	HNE GRAINS (THEHORASTIC	RESIN + CARBON BLACK +	CHAKEE CONTRE AGENT +	WAX) & SILICA FRAINS	HINEGERINS (THEPTIOPLASTIC	CHARGE CONTRA AGENT +	WAX) & SIUCA ARAINS
		MAGNETIC	NATERIAL	AMISO. Nd-Fe-B	ANISO. NA-FE-B	AVISO. Nd-Fe-B	ANISO Nd-Fe-B	·	AW 50. Nd-Fe-B	AN/SO. Nd-Fe-B	ANISO, NA-FR-B		AMISO. N.L-FR-B			A41/56. Not -Fa-B			_	AMISO. NAL-FR-B		
					PRI	OR	? /	4 <i>R</i>	27				1	VV	ΕI	v 7	TIC	2 N	,			

FIG. 16

